

TCEQ Segment 1804  
 TCEQ Station 12576  
 Station Number 14 Geronimo Creek at Haberle  
 Latitude 29/40/12 Longitude 97/56/38

Parameter	Date and 24 hour time												
	Parameter Code	9/16/03	10/06/03	11/04/03	12/05/03	01/15/04	02/16/04	03/08/04	04/27/04	05/10/04	06/15/04	7/14/04	8/9/04
Flow (cfs)	00061	11.8	12.1	13.8	14.6	13.7	16.2	15.1	13.3	12.1	12.9	11.7	12.2
E. coli(org/100mL)	31699	106	560	96	216	1787	132	83	176	114	84	119	----
Suspended Solids(mg/L)	00530	12.2	29.7	5.5	6.4	5.9	7.1	6.7	15.9	13.2	5	5.6	6
Turbidity(NTU)	82079	15.2	16.6	5.62	6.53	8.01	6.43	5.72	12.2	8.29	9.59	4.98	3.9
pH	00400	7.83	7.94	8.01	7.96	7.61	7.86	7.68	7.71	7.85	7.67	7.61	7.72
Temperature(C)	00010	24.3	23	23.3	16.7	18.1	14.9	19.5	22.3	23.2	25.6	26.3	25
Dissolved Oxygen(mg/L)	00300	7.6	8.47	9.11	9.63	9.47	10.4	11.6	9.11	9.44	7	8.61	7.91
Conductivity(umhos/cm)	00094	845	911	701	807	909	872	916	893	921	854	946	815
Total Phosphorus(mg/L)	00665	0.66	0.05	0.06	0.08	0.07	0.06	0.06	0.08	0.08	0.09	0.09	<0.06
Nitrate-N(mg/L)	00620	15.1	14.3	10.9	14	7.08	14.6	17.4	10	9.31	9.59	6.19	9.8
Chloride(mg/L)	00940	40	43.3	41.9	44.8	40.6	46.8	44.7	45.5	35.6	41.6	42	47.9
Sulfate(mg/L)	00945	59.4	64.7	64	67.8	61.9	66.8	63.7	62.7	55.3	62.1	64.1	65.3
Total Hardness(mg/L)	00900	281	313	317	321	314	321	303	325	313	301	311	308
Ammonia-N(mg/L)	00610		0.02		0.02		0.02		<0.02		0.04		0.02
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.0	2.6	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5	2
Pheophytin (mg/m <sup>3</sup> )	32218	1.3	<1.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3	<3

Parameter	Date and 24 hour time												
	Parameter Code	9/13/04	10/19/04	11/9/04	12/8/04	1/7/05	2/9/05	3/3/05	4/6/05	5/2/05	6/6/05	7/6/05	8/4/05
Flow (cfs)	00061	9.1	13.9	18.2	26.1	20.2	32	59	22.2	15.9	4.1	12.1	13.5
E. coli(org/100mL)	31699	69	120	----	150	219	644	4838	222	110	105	86	150
Suspended Solids(mg/L)	00530	3.3	8.6	9.1	4.8	10	23.6	60.7	6.9	6.3	6.1	5.9	8.7
Turbidity(NTU)	82079	4.1	9.2	8.7	4.1	6.8	24.9	76	5.2	6.5	5.2	3.2	6.2
pH	00400	7.77	7.73	7.73	7.72	7.64	7.58	7.81	7.6	7.76	7.79	7.69	7.7
Temperature(C)	00010	24.4	24	20.5	18.5	15.5	16	15	20.3	19.9	25.2	26.6	25.8
Dissolved Oxygen(mg/L)	00300	7.76	7.57	9.5	11.5	9.64	9.87	11.12	9.74	9.9	8.66	9.1	7.88
Conductivity(umhos/cm)	00094	982	870	897	930	905	710	485	897	875	530	855	865
Total Phosphorus(mg/L)	00665	0.05	0.05	0.06	0.08	0.06	0.12	<0.05	0.05	<0.05	<0.05	0.05	0.05
Nitrate-N(mg/L)	00620	12.5	13.8	13.6	14.5	15.3	8.9	5.8	14.6	14.5	14.7	15.7	16.7
Chloride(mg/L)	00940	48.4	45.7	47.7	48.4	41	36.5	24.5	44.3	34.2	37.1	38.1	39.7
Sulfate(mg/L)	00945	65.1	62.7	66.9	72.5	69.7	53.9	32.5	65.4	57.5	58.6	68.5	61.7
Total Hardness(mg/L)	00900	308	306	322	322	322	248	184	321	310	304	294	322
Ammonia-N(mg/L)	00610		0.05		0.02		0.03		0.05		0.03		<0.02
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	<1	1.7	<1	1.6	4.7	2.5	<1	1.2	<1	<1
Pheophytin (mg/m <sup>3</sup> )	32218	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3

Parameter	Date and 24 hour time												
	Parameter Code	9/8/05	10/7/05	11/4/05	12/9/05	1/5/06	2/1/06	3/2/06	4/4/06	5/4/06	6/5/06	7/10/06	8/7/06
Flow (cfs)	00061	11.9	11.3	11.5	13.6	13.6	10.4	11.5	11	9.68	9.4	9.3	3.4
E. coli(org/100mL)	31699	130	91	160	170	78	110	190	44	110	66	130	130
Suspended Solids(mg/L)	00530	8.7	11.3	8	6.7	11.3	6.7	5.3	6.3	6.3	7	19.7	7
Turbidity(NTU)	82079	3	6.5	4.3	4.8	5.9	4.7	5.2	5.7	5.6	4.4	16.9	7.4
pH	00400	7.69	7.82	7.8	7.8	7.87	7.76	7.75	7.84	7.75	7.8	7.84	7.79
Temperature(C)	00010	24.6	21.1	19.2	11.9	16.9	17.5	21.5	23.3	24	24.6	26.1	25.6
Dissolved Oxygen(mg/L)	00300	7.76	7.93	9.68	11.4	10.3	9.93	10.5	9.72	9.21	9.51	7.61	7.54
Conductivity(umhos/cm)	00094	858	887	873	876	879	888	855	855	836	840	786	825
Total Phosphorus(mg/L)	00665	<0.05	<0.05	0.11	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.06	<0.05
Nitrate-N(mg/L)	00620	16.1	16.3	15.8	16.8	16	15	14.5	14.5	15.2	14.9	13.7	15.2
Chloride(mg/L)	00940	38.6	38.7	37.8	38.4	37.6	44.4	38.4	38.9	38.6	36.7	41.2	39.5
Sulfate(mg/L)	00945	58.9	58.5	57.6	58.6	59.8	74.8	62.8	64	81.6	60	37	67.3
Total Hardness(mg/L)	00900	299	325	316	330	300	320	291	313	320	297	290	293
Ammonia-N(mg/L)	00610		0.04	0.02	0.03		0.02		0.03		0.04		0.1
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.1	1.8
Pheophytin (mg/m <sup>3</sup> )	32218	<3	<1	<1	<3	1.1	<1	<1	<1	<1	<1	<1	<1

TCEQ Segment 1804  
 TCEQ Station 12576  
 Station Number 14 Geronimo Creek at Haberle  
 Latitude 29/40/12 Longitude 97/57/53

Parameter	Date and 24 hour time												
	Parameter Code	9/8/06	10/10/06	11/3/06	12/6/06	1/8/07	2/5/07	3/8/07	4/4/07	5/9/07	6/15/07	7/9/07	8/6/07
Flow (cfs)	00061	7.5	8.6		6.5	9	12.9	12.8	11.6	16	6.8	15	10
E. coli(org/100mL)	31699	59	330	98	166	320	160	77	460	450	90	160	110
Suspended Solids(mg/L)	00530	10.3	7	5.3	6	7.3	10.7	20	19.3	21	7	18.3	4.7
Turbidity(NTU)	82079	7.1	7.31	5.61	5	5.3	7.3	8.4	18.6	15	5.31	17.9	3.6
pH	00400	7.74	7.74	7.83	7.88	7.68	7.75	7.78	7.79	7.76	7.72	7.6	7.75
Temperature(C)	00010	22.9	22.2	17.2	15	14.4	14.8	17.9	21.7	23.6	26	26.2	26.4
Dissolved Oxygen(mg/L)	00300	8.04	10.9	10.4	11.9	13	12	11.7	8.34	10.5	7.49	7.05	8.07
Conductivity(umhos/cm)	00094	821	781	871	920	922	944	928	825	928	915	722	923
Total Phosphorus(mg/L)	00665	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	<0.05	<0.05	0.14	<0.05
Nitrate-N(mg/L)	00620	14	14	14.8	15.9	5.64	14.2	14.3	11.1	13.4	14.8	10.3	12.3
Chloride(mg/L)	00940	36	34.4	37	40.2	41.8	41.8	37.6	20.6	32.9	43.8	37	47.5
Sulfate(mg/L)	00945	60.2	60	59.8	66.3	71	73.2	67.2	68.4	76.6	75.8	65	85
Total Hardness(mg/L)	00900	278	258	310	298	319	310	318	3	334	326	254	252
Ammonia-N(mg/L)	00610		<0.02		0.02		<0.02		0.04		0.03		0.04
Chlorophyll a(mg/m <sup>3</sup> )	32211	1.2	<1	<1	<1	<1	<1	1.6	<1	<1	<1	<1	1
Pheophytin (mg/m <sup>3</sup> )	32218	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Parameter	Date and 24 hour time												
	Parameter Code	9/12/07	10/11/07	11/14/07	12/12/07	1/7/08	2/15/08	3/19/08	4/9/08	5/7/08	6/9/08	7/3/08	8/6/08
Flow (cfs)	00061	14.1	12	11	12	12	11	9.7	10.5	7.6	7.6	8.1	7
E. coli(org/100mL)	31699	80	88	140	150	130	99	61	91	58	74	46	82
Suspended Solids(mg/L)	00530	11	5.3	6	1	1.3	3.3	6	6.3	10	4	5.7	4
Turbidity(NTU)	82079	6.96	3.35	2.75	3.35	4	3.5	4.2	5.1	6.7	5.2	4.9	6.7
pH	00400	7.81	7.74	7.76	7.81	7.8	7.9	7.9	7.8	7.8	7.7	7.7	7.8
Temperature(C)	00010	24.4	24.2	21.9	16	19.2	18.4	18.8	22.4	22.5	26.4	24.9	26.7
Dissolved Oxygen(mg/L)	00300	9.52	9.43	8.91	8.9	8.2	9	9.3	8.2	8.4	8.9	8	7.4
Conductivity(umhos/cm)	00094	888	889	897	851	834	810	849	833	836	816	849	780
Total Phosphorus(mg/L)	00665	<0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nitrate-N(mg/L)	00620	12.8	11.8	12.1	14.2	8.24	11.4	11.7	10.7	11.1	10.8	6.69	8.79
Chloride(mg/L)	00940		48.3	45.4	38.2	39.3	42.4	40.9	39.4	40.3	38	39.1	39.1
Sulfate(mg/L)	00945		80.4	73.2	62.4	64.4	71.9	67.8	69.9	68.8	65.6	65.7	65.7
Total Hardness(mg/L)	00900	321	302	313	353	294	329	282	305	297	281	289	284
Ammonia-N(mg/L)	00610		<0.1		0.11		<0.1		<0.1		<0.1		0.12
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	<1	<1	1.6	<1	<1	<1	<1	<1	<1	<1
Pheophytin (mg/m <sup>3</sup> )	32218	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Total Kjeldahl Nitrogen (mg/L)	00625		<0.5		<0.5		0.52		<0.2		0.35		<0.2

Parameter	Date and 24 hour time												
	Parameter Code	9/9/08	10/7/08	11/12/08	12/4/08	1/27/09	2/24/09	3/31/09	4/29/09	5/26/09	6/29/09	7/20/09	8/10/09
Flow (cfs)	00061	7.4	5.8	5.3	6.9	6.4	3.6	4.1	5.5	4.5	2.8	3.5	3.7
E. coli(org/100mL)	31699	100	88	280	91	240	110	520	56	55	54	75	84
Suspended Solids(mg/L)	00530	7.3	6	4	4.7	6	4.7	31.3	6.7	10	8.3	9	8
Turbidity(NTU)	82079	6.6	5.5	3.67	4.68	4.6	3.6	26.8	4.6	4.6	6.3	6.2	6
pH	00400	7.7	7.7	7.7	7.7	7.8	7.8	7.5	7.8	7.8	7.7	7.7	7.8
Temperature(C)	00010	25.6	23	20.6	13.9	16.5	16	19	22.5	23.9	28.2	27.9	28
Dissolved Oxygen(mg/L)	00300	10.3	7.8	7.9	8.7	8.9	10.8	8.2	7.2		7.4	7	6.9
Conductivity(umhos/cm)	00094	808	820	840	794	820	822	842	816	801	762	758	759
Total Phosphorus(mg/L)	00665	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nitrate-N(mg/L)	00620	11.9		14	12.4	6.91	11.1	9.5	10.4	10.5	8.48	9.28	9.04
Chloride(mg/L)	00940	37.1	40	39.3	37.4	45.1	40.3	40.2	40.5	40.7	34.9	28.7	32.4
Sulfate(mg/L)	00945	57.8	66	68.1	62.8	71.7	65.4	57.6	69.9	69.1	68.2	56	61.2
Total Hardness(mg/L)	00900	261	282	299	312	298	291	318	291	286	250	243	244
Ammonia-N(mg/L)	00610		<0.1		0.1		<0.1		<0.1		0.13	<0.1	0.12
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	<1	<1	1.2	<1	<1	<1	<1	<1	<1	<1
Pheophytin (mg/m <sup>3</sup> )	32218	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Total Kjeldahl Nitrogen (mg/L)	00625		0.26		0.3		<0.2		0.4		0.41		0.24

Data after February 2018 is preliminary and subject to change during data review and validation process  
 TABLE 32

TCEQ Segment 1804  
 TCEQ Station 12576  
 Station Number 14 Geronimo Creek at Haberle  
 Latitude 29/40/12 Longitude 97/57/53

Parameter	Date and 24 hour time												
	Parameter Code	9/14/09	10/6/09	11/11/09	12/08/09	1/15/10	2/8/10	3/8/10	4/9/10	5/17/10	6/17/10	7/20/10	8/9/10
Flow (cfs)	00061	2.4	7.9	4.6	3.4	94	5.2	5	5.8	9.7	8.1	5.6	5.6
E. coli(org/100mL)	31699	110	180	110	51	5700	260	220	3080	290	310	330	370
Suspended Solids(mg/L)	00530	11.7	120	9.7	46.7	25	12.7	4	51.3	35	5	6.3	5.7
Turbidity(NTU)	82079	8.8	78.4	8.6	27.2	22.3	10.9	2.7	54.1	26.9	6.3	6.8	5.3
pH	00400	7.7	7.7	7.8	7.7	7.8	7.7	7.7	7.8	7.6	7.8	7.8	7.8
Temperature(C)	00010	24.2	24.9	19.4	12.5	13.2	15.3	17.2	19.2	23.1	26.9	27.3	27.2
Dissolved Oxygen(mg/L)	00300	6.6	6.9	11.4	10.5	9.9	10.3	10.6	11.2	7.1	7.3	11.6	7.8
Conductivity(umhos/cm)	00094	803	395	850	893	668	697	934	577	433	870	862	798
Total Phosphorus(mg/L)	00665	<0.05	0.21	<0.05	0.05	0.12	0.09	<0.05	0.16	0.18	<0.05	<0.05	<0.05
Nitrate-N(mg/L)	00620	11.3	0.1	12.1	12.5	0.76	4.92	11.2	6.36	3.52	9.32	9.6	11.7
Chloride(mg/L)	00940	32.8	12.5	35.5	42.4	38.3	34.3	48.9	24.9	17.2	44.9	46.2	46.9
Sulfate(mg/L)	00945	62.1	24	69.4	78.2	69.9	62.2	77.2	40.4	29.4	82.3	79.2	82.3
Total Hardness(mg/L)	00900	275	165	305	328	289	244	314	213	172	308	316	280
Ammonia-N(mg/L)	00610	0.12	0.15	<0.10	<0.10		<0.1		0.14	0.2	0.15	<0.1	0.11
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	1.2	<1.0	1.2	5.2	<1	<1	1.3	<1	<1	<1	1.5
Pheophytin (mg/m <sup>3</sup> )	32218	<1	<1	<1.0	<1.0	2.1	<1	<1	<1	<1	<1	<1	1.3
Total Kjeldahl Nitrogen (mg/L)	00625		1		0.79		0.77		0.68		0.53		0.43

Parameter	Date and 24 hour time												
	Parameter Code	9/13/10	10/7/10	11/15/10	12/2/10	01/05/11	2/7/11	3/3/11	4/5/11	5/13/11	6/2/11	7/12/11	8/1/11
Flow (cfs)	00061	8.2	4.8	5.1	5.1	6.1	5.1	5.2	4.8	5.3	3.9	3	4.2
E. coli(org/100mL)	31699	170	88	160	110	130	140	120	65	110	58	81	170
Suspended Solids(mg/L)	00530	4.7	4.7	3.3	2.3	2.5	4.4	4	5.4	4.9	5.2	7.7	6.8
Turbidity(NTU)	82079	7.4	3.3	2.4	2.3	3.2	3.7	2.1	2	4	4.2	4.7	4.2
pH	00400	7.7	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.8	7.8	7.7	7.7
Temperature(C)	00010	27	19.4	17.4	14.1	15.5	11.9	18	19.3	23.6	26.2	27.9	28.9
Dissolved Oxygen(mg/L)	00300	6.6	8.8	8.2	9.3	9.4	11	9.7	8.5	7.5	7.3	7	7
Conductivity(umhos/cm)	00094	745	849	852	865	847	865	778	844	1100	780	790	780
Total Phosphorus(mg/L)	00665	0.11	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nitrate-N(mg/L)	00620	9.1	11.4	11.6	2.23	11.4	12	11.4	11.4	11	10	7.12	10.3
Chloride(mg/L)	00940	37.2	41.1	38	40.6	39.4	40.5	43.1	39.5	38.2	38.7	36.9	34
Sulfate(mg/L)	00945	67.7	73.2	64.8	70.7	66.8	71.9	80.2	70.2	65.4	65.6	65	30.4
Total Hardness(mg/L)	00900	262	281	300	298	282	292	279	287	273	270	251	248
Ammonia-N(mg/L)	00610	0.19	0.12		0.1		0.11		<0.1		0.15		0.17
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	<1	<1	<1.0	<1	<1	<1	<1	1.2	<1	<1
Pheophytin (mg/m <sup>3</sup> )	32218	<1	<1	<1	<1	<1.0	<1	<1	<1	<1	<1	<1	<1
Total Kjeldahl Nitrogen (mg/L)	00625		0.24		<0.2		0.23		0.42		0.26		<0.2

Parameter	Date and 24 hour time												
	Parameter Code	9/13/11	10/18/11	11/7/11	12/7/11	1/10/2012	2/13/2012	3/6/12	4/4/12	5/2/12	6/14/12	7/10/12	8/14/12
Flow (cfs)	00061	5	3.8	4.2	3.8	4.8	13	7.4	6.8	4.1	4.1	3.3	3.3
E. coli(org/100mL)	31699	140	140	200	230	220	3260	120	190	520	160	250	130
Suspended Solids(mg/L)	00530	4.9	6.7	3.4	5.1	4.7	26.6	5.7	9.2	6.8	5.4	8.2	4.8
Turbidity(NTU)	82079	3.4	3.3	2.1	3.1	3	25	4.2	6.3	4	3.6	4.1	4.8
pH	00400	7.8	7.8	7.8	8	7.9	7.9	8	7.9	7.9	7.8	7.8	7.5
Temperature(C)	00010	25.4	20.9	19.4	11.6	14.4	13.1	18.1	22.7	24.1	26.6	26.9	27.6
Dissolved Oxygen(mg/L)	00300	7.6	8.5	8.3	2	9.7	10.5	9.8	7.7	7.6	7.4	7	7.5
Conductivity(umhos/cm)	00094	780	795	817	840	833	826	900	918	852	844	790	781
Total Phosphorus(mg/L)	00665	<0.02	0.02	<0.02	0.02	0.02	0.1	0.05	0.03	0.02	0.02	0.02	0.02
Nitrate-N(mg/L)	00620	9.6	9.96	11.2	12.9	10.7	9.84	11.9	11.7	11.2	11.4	10.6	10.9
Chloride(mg/L)	00940	31.4	31	35.9	36.4	35.4	40.9	44.1	44.2	38.5	39.4	36.4	35.8
Sulfate(mg/L)	00945	55.6	56	64.5	64.8	64.3	70.6	79.3	79.1	70	74.5	67.4	66.2
Total Hardness(mg/L)	00900	250	276	278	286	288	284	300	307	286	270	262	263
Ammonia-N(mg/L)	00610	<0.1		0.12		0.28		0.24		0.23		0.11	
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	<1	<1	<1.0	1.3	<1	<1	1.9	1.9	1.4	1.2
Pheophytin (mg/m <sup>3</sup> )	32218	<1	<1	<1	<1	<1.0	<1	<1	<1	1.1	<1	<1	<1
Total Kjeldahl Nitrogen (mg/L)	00625	<0.2	0.3	0.28	0.37	0.26	0.92	0.27	<0.2	<0.2	<0.2	<0.2	<4

Data after February 2018 is preliminary and subject to change during data review and validation process  
 TABLE 32

TCEQ Segment 1804  
 TCEQ Station 12576  
 Station Number 14 Geronimo Creek at Haberle  
 Latitude 29/40/12 Longitude 97/57/53

Parameter	Date and 24 hour time												
	Parameter Code	9/5/12 1433	10/18/12 1204	11/27/12 1155	12/11/12 1351	1/2/13 1231	2/6/13 1349	3/25/13 1212	4/16/13 1236	5/13/13 1134	6/12/13 1148	7/24/13 1132	8/6/13 1036
Flow (cfs)	00061	3.1	4	3.9	3.9	4.5	4.4	3.4	3.4	3.1	3	2.6	2.3
E. coli(org/100mL)	31699	230	440	140	190	140	180	66	140	350	160	210	134
Suspended Solids(mg/L)	00530	6.9	8.5	4	4.5	4.29	5.1	6.7	9.7	12.4	8.2	5.30	5.20
Turbidity(NTU)	82079	5	4.9	2.9	3.7	3.3	3.8	5.1	7.5	9	4.0	3.6	
pH	00400	7.6	7.8	7.8	8	7.6	7.8	7.5	7.8	7.8	7.7	7.8	7.8
Temperature(C)	00010	26.9	21.9	17.2	14.7	12.2	18.7	17	22.1	21.6	25.9	27.4	27.7
Dissolved Oxygen(mg/L)	00300	7.4	7.9	8.5	8.9	9.8	9.3	9.2	7.6	7.6	6.9	7.9	7.1
Conductivity(umhos/cm)	00094	787	845	835	838	819	799	794	793	777	775	739	731
Total Phosphorus(mg/L)	00665	0.02	0.03	<0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	<0.02	0.22
Nitrate-N(mg/L)	00620	11.6	11.8	11.6	10.3	10.8	11.3	9.1	9.6	9	8.6	8.20	8.20
Chloride(mg/L)	00940	37.3	39.6	35.6	35.6	34.4	36.4	36.2	36.1	33.7	32.6	31.8	32.3
Sulfate(mg/L)	00945	68.4	70.6	65	65	62.9	65.3	65	64	60	59	56.5	57.4
Total Hardness(mg/L)	00900	260	279	285	288	282	272	258	264	268	258	221	241
Ammonia-N(mg/L)	00610	0.17	0.12	0.17	0.16	0.12	0.16	0.18	0.14	0.14	0.14	1.13	0.16
Chlorophyll a(mg/m <sup>3</sup> )	32211	1.3	2.14	<1	<1	2.11	<1	<1	<1	1.48	1.54	1.57	1.42
Pheophytin (mg/m <sup>3</sup> )	32218	<1	22.1	<1	<1	<1	<1	1	<1	<1	2.36	1.06	<1.0
Total Kjeldahl Nitrogen (mg/L)	00625	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20

Parameter	Date and 24 hour time												
	Parameter Code	9/18/13 1228	9/23/13 1210	10/9/13 1054	11/11/13 1136	12/9/13 1447	1/14/14 1033	2/3/14 1509	3/17/14 1135	4/7/14 1046	5/6/14 1048	5/14/14 1301	6/11/14 1450
Flow (cfs)	00061	2.8	3.9	2.8	3.0	3.5	3.6	3.5	3.1	2.5	2.7		2.9
E. coli(org/100mL)	31699	120	260	140	200	150	130	200	105	130	58	16000	190
Suspended Solids(mg/L)	00530	5.50	8.10	9.20	8.10	3.5	5.50	4.30	6.50	8.40	4.60	357	7.40
Turbidity(NTU)	82079	3.4	4.9	9.1	7.5	3.4	4.4	3.5	3.9	6.6	5.1	506	7.9
pH	00400	7.6	7.9	7.9	7.8	7.8	7.7	7.3	7.8	7.8	7.5	8.1	7.5
Temperature(C)	00010	25.9	23.1	21.0	18.3	10.9	12.7	11.4	15.7	17.3	21.7	18.6	26.5
Dissolved Oxygen(mg/L)	00300	7.2	7.7	8.4	8.3	9.6	10.9	10.8	10.6	8.7	7.2	8.3	6.9
Conductivity(umhos/cm)	00094	734	709	751	827	829	854	836	801	812	767	250	795
Total Phosphorus(mg/L)	00665	0.02	0.03	0.06	0.03	<0.02	0.02	0.02	<0.02	<0.02	0.02	0.51	0.04
Nitrate-N(mg/L)	00620	9.10	7.70	9.30	10.4	8.8	9.50	9.9	8.6	8.30	8.50	2.24	6.90
Chloride(mg/L)	00940	31.8	32.5	31.8	36.4	35.2	36.7	35.2	36.5	37.7	36.5	5.77	35.1
Sulfate(mg/L)	00945	56.0	55.2	57.0	64.9	63.6	37.9	63.0	64.9	66.6	66.9	11.5	61.8
Total Hardness(mg/L)	00900	243	246	271	290	295	283	279	267	273	277	133	269
Ammonia-N(mg/L)	00610	0.15	0.16	<0.10	<0.10	<0.1	<0.10	<0.1	0.17	0.26	0.32	0.32	0.34
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.0	<1.0	<1.0	<1.0	<1	<1.0	<1.0	---	1.42	2.52	5.07	1.25
Pheophytin (mg/m <sup>3</sup> )	32218	<1.0	<1.0	<1.0	<1.0	<1	15.8	<1.0	----	1.52	<1.0	<1.0	<1.0
Total Kjeldahl Nitrogen (mg/L)	00625	<0.20	<0.20	<0.20	<0.20	<0.2	<0.20	<0.2	<0.2	0.281	<0.2	1.71	<0.20

Parameter	Date and 24 hour time												
	Parameter Code	7/21/14 1240	8/12/14 1620	9/10/14 1520	10/13/14 1537	11/5/14 1356	12/8/14 1136	9/10/14 1520	10/13/14 1537	11/5/14 1356	12/8/14 1136	1/28/15 1125	1/14/15 1039
Flow (cfs)	00061	2.1	1.9	1.5		4.0	3.3	1.5		4.0	3.3	3.4	3.6
E. coli(org/100mL)	31699	490	260	120	170	500	640	120	170	500	640	500	120
Suspended Solids(mg/L)	00530	3.40	6.90	5.10	4.50	9.30	6.50	5.10	4.50	9.30	6.50	10.40	4.90
Turbidity(NTU)	82079	6.7	4.8	4.9	4.0	7.1	5.4	4.9	4.0	7.1	5.4	15.1	3.7
pH	00400	7.5	8.2	7.7	7.9	7.9	7.5	7.7	7.9	7.9	7.5	7.7	8.0
Temperature(C)	00010	27.4	28.7	28.0	23.3	18.7	15.8	28.0	23.3	18.7	15.8	12.5	8.8
Dissolved Oxygen(mg/L)	00300	6.8	7.3	7.1	7.3	8.0	8.0	7.1	7.3	8.0	8.0	9.8	10.8
Conductivity(umhos/cm)	00094	750	726	633	722	704	796	633	722	704	796	547	769
Total Phosphorus(mg/L)	00665	0.02	0.02	<0.20	0.02	0.02	0.03	<0.20	0.02	0.02	0.03	0.10	0.02
Nitrate-N(mg/L)	00620	6.90	7.00	7.00	7.60	7.63	8.7	7.00	7.60	7.63	8.7	5.60	9.10
Chloride(mg/L)	00940	32.9	32.5	31.7	31.0	31.8	32.4	31.7	31.0	31.8	32.4	24.5	36.3
Sulfate(mg/L)	00945	58.9	57.7	54.7	54.3	54.8	58.0	54.7	54.3	54.8	58.0	42.6	61.4
Total Hardness(mg/L)	00900	241	480	237	254	254	284	237	254	254	284	195	294
Ammonia-N(mg/L)	00610	0.20	0.12	0.20		0.22	0.30	0.20	0.15	0.22	0.30	0.22	0.12
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.0	<1.00	<1.0	1.10	1.39	<1.0	<1.0	1.10	1.39	<1.0	1.16	<1.0
Pheophytin (mg/m <sup>3</sup> )	32218	<1.0	9.46	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total Kjeldahl Nitrogen (mg/L)	00625	<0.20	0.30	<0.20		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.49	<0.20

TCEQ Segment 1804  
 TCEQ Station 12576  
 Station Number 14 Geronimo Creek at Haberle  
 Latitude 29/40/12 Longitude 97/57/53

Parameter	Date and 24 hour time												
	Parameter Code	2/10/15	3/16/15	4/13/15	5/19/15	6/10/15	7/7/15	8/17/15	9/10/15	10/20/15	11/3/15	12/7/15	1/11/16
Flow (cfs)	00061	3	3.3	5.2	13.0	7.3	7.1	6.1	6.4	6.1	7.9	7.4	8.0
E. coli(org/100mL)	31699	200	120	2100	230	120	550	290	170	120	260	580	180
Suspended Solids(mg/L)	00530	7.40	7.00	13.9	35.3	8.70	14.3	6.20	7.00	7.90	15.8	6.00	7.00
Turbidity(NTU)	82079	5.4	6.0	11.7	39.7	7.0	9.6	6.5	7.1	5.7	19.4	5.0	5.9
pH	00400	7.8	7.8	7.7	7.7	7.8	7.9	7.7	7.7	7.8	7.6	7.9	8.0
Temperature(C)	00010	15.2	17.7	21.5	24.6	25.5	25.6	26.0	26.1	20.1	20.4	14.9	13.2
Dissolved Oxygen(mg/L)	00300	10.0	9.3	6.9	7.3	8.3	8.1	7.2	7.3	8.2	7.8	9.1	9.8
Conductivity(umhos/cm)	00094	748	664	708	324	884	870	822	808	781	560	806	817
Total Phosphorus(mg/L)	00665	0.02	0.05	0.12	0.22	0.03	0.02	0.02	<0.02	<0.02	0.11	0.02	0.02
Nitrate-N(mg/L)	00620	8.50	5.90	7.00	2.48	10.6	<0.05	11.0	11.3	11.1	4.53	10.9	12.1
Chloride(mg/L)	00940	34.9	29.0	36.0	12.6	41.8	40.9	35.0	33.2	30.3	20.9	32.8	35.2
Sulfate(mg/L)	00945	61.1	51.0	61.5	22.4	73.7	74.3	63.9	60.5	56.5	39.2	59.6	62.6
Total Hardness(mg/L)	00900	304	231	272	202	289	288	282	266	275	198	287	288
Ammonia-N(mg/L)	00610	<0.10	0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorophyll a(mg/m <sup>3</sup> )	32211	4.90	5.70	3.94	1.07	<1.00	<1.00	12.5	1.69	<1.00	<1.00	<1.00	1.25
Pheophytin (mg/m <sup>3</sup> )	32218	<1.0	<1.0	1.29	<1.0	<1.00	1.07	2.18	<1.00	2.80	<1.00	<1.00	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625		0.52	<0.20	0.81	<0.20	<0.20	<0.20	<0.20	<0.20	0.77	<0.20	0.70

Parameter	Date and 24 hour time												
	Parameter Code	2/8/16	3/8/16	4/12/16	5/9/16	6/1/16	7/18/15	8/15/16	9/12/16	10/17/16	11/15/16	12/8/16	1/25/17
Flow (cfs)	00061	7.6	7.8	7.9	8.7	70	10	10	12	10	10	19	13
E. coli(org/100mL)	31699	580	410	200	240	7700	96	270	140	320	390	440	180
Suspended Solids(mg/L)	00530	6.70	6.40	3.10	12.7	57.8	4.00	8.10	6.00	-	7.00	9.50	6.00
Turbidity(NTU)	82079	4.5	5.0	7.9	5.9	78.4	4.1	7.2	5.7	5.3	6.3	10.0	5.2
pH	00400	7.9	7.7	7.7	7.7	7.6	7.6	7.6	7.7	7.5	7.6	7.4	7.7
Temperature(C)	00010	13.6	21.2	21.0	21.5	21.7	26.7	24.5	24.5	24.0	19.6	14.9	18.2
Dissolved Oxygen(mg/L)	00300	10.2	8.6	8.1	7.7	7.6	7.8	7.3	7.6	7.4	8.4	9.7	9.7
Conductivity(umhos/cm)	00094	787	780	794	791	226	792	770	787	788	794	660	767
Total Phosphorus(mg/L)	00665	<0.02	0.02	0.02	0.03	0.29	0.02	0.02	0.02	0.04	0.02	0.11	0.03
Nitrate-N(mg/L)	00620	10.4	11.0	14.20	11.0	1.99	13	10.5	12.1	11.6	11.2	6.53	9.60
Chloride(mg/L)	00940	34.2	30.7	29.7	29.0	4.67	28.3	26.8	24.5	26.0	25.8	30.3	27.3
Sulfate(mg/L)	00945	63.1	58.2	57.8	56.3	7.45	57.40	53.40	49.70	54.3	54.2	56.1	51.5
Total Hardness(mg/L)	00900	279	272	282	277	95.6	267	269	279	285	280	235	282
Ammonia-N(mg/L)	00610	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorophyll a(mg/m <sup>3</sup> )	32211	1.10	1.19	1.34	2.40	<1.00	1.60	1.25	<1.00	<1.00	<1.00	<1.00	<1.00
Pheophytin (mg/m <sup>3</sup> )	32218	<1.00	<1.00	<1.00	<1.00	2.29	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	<0.20	<0.20	<0.20	<0.20	1.16	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20

Parameter	Date and 24 hour time												
	Parameter Code	2/16/17	3/20/17	4/6/17	5/9/17	6/13/17	7/13/17	8/14/17	9/13/17	10/16/17	11/14/17	12/6/17	1/23/18
Flow (cfs)	00061	13	18	15	16	14	12	11	13	12	13	14	14
E. coli(org/100mL)	31699	1700	520	400	290	280	310	290	170	490	170	3600	84
Suspended Solids(mg/L)	00530	14.70	10.10	11.0	7.70	5.60	6.00	10.9	4.20	6.10	3.20	4.00	2.30
Turbidity(NTU)	82079	9.7	9.6	10.6	5.2	4.8	4.5	6.6	2.9	4.7	2.7	2.8	3.7
pH	00400	8.5	7.7	7.7	7.7	7.8	7.7	7.8	7.8	7.9	7.9	7.9	7.9
Temperature(C)	00010	16.5	21.5	19.5	21.7	24.9	26.2	26.6	22.4	21.4	21.3	17.3	15.4
Dissolved Oxygen(mg/L)	00300	9.1	8.3	8.4	8.0	7.7	8.1	7.7	6.5	8.2	8.3	8.4	10.2
Conductivity(umhos/cm)	00094	727	830	813	800	790	768	767	780	791	784	769	787
Total Phosphorus(mg/L)	00665	0.11	0.03	0.04	0.02	<0.02	<0.02	0.02	0.05	0.02	<0.02	0.02	<0.02
Nitrate-N(mg/L)	00620	9.7	10.5	11.9	12.9	13.6	12.3	11.7	12.8	8.13	11.8	11.7	12.5
Chloride(mg/L)	00940	28.9	31.2	27.6	30.0	28.9	26.2	26.5	27.5	28.2	26.0	26.7	28.6
Sulfate(mg/L)	00945	52.1	62.6	60.1	59.6	60.3	53.4	53.0	54.6	55.0	50.8	52.7	55.6
Total Hardness(mg/L)	00900	139	291	285	286	280	261	284	283	286	286	284	291
Ammonia-N(mg/L)	00610	<0.10	<0.10	0.19	<0.10	<0.10	<0.10	<0.10	<0.10	0.12	<0.10	<0.10	<0.10
Chlorophyll a(mg/m <sup>3</sup> )	32211	2.43	1.28	<1.00	1.60	<1.00	1.45	1.66	1.25	1.13	<1.00	<1.00	<1.00
Pheophytin (mg/m <sup>3</sup> )	32218	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	<0.20	0.344	<0.20	<0.20	2.53	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20

Data after February 2018 is preliminary and subject to change during data review and validation process  
TABLE 32

TCEQ Segment 1804  
TCEQ Station 12576  
Station Number 14 Geronimo Creek at Haberle  
Latitude 29/40/12 Longitude 97/57/53

Parameter	Date and 24 hour time						
	Parameter Code	2/22/18	3/15/18	4/16/18	5/7/18	6/20/18	7/5/18
Flow (cfs)	00061	13	12	13	11	11	9.6
E. coli(org/100mL)	31699	870	250	170	360	380	160
Suspended Solids(mg/L)	00530	5.10	5.60	9.50	10.10	8.10	23.7
Turbidity(NTU)	82079	4.1	3.6	7	4.7	5.9	7.2
pH	00400	7.9	7.9	7.9	7.9	7.5	7.6
Temperature(C)	00010	16.0	17.6	18.7	21.7	24.4	25.6
Dissolved Oxygen(mg/L)	00300	9.1	9.5	8.8	8.1	7.4	5.8
Conductivity(umhos/cm)	00094	776	787	790	779	765	736
Total Phosphorus(mg/L)	00665	0.02	0.02	0.02	0.03	0.02	0.03
Nitrate-N(mg/L)	00620	12.0	12.5	12.6	13.0	12.6	11.9
Chloride(mg/L)	00940	28.3	27.7	28.9	28.5	26.8	25.8
Sulfate(mg/L)	00945	55.5	53.7	57.7	58	52.2	50.0
Total Hardness(mg/L)	00900	289	282	289	289	281	274
Ammonia-N(mg/L)	00610	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.00	1.25	<1.00	<1.00	1.19	2.46
Pheophytin (mg/m <sup>3</sup> )	32218	<1.00	<1.00	<1.00	<1.00	<1.00	1.42
Total Kjeldahl Nitrogen (mg/L)	00625	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20